

**In the claims:**

Please cancel claims 1-35 from the parent application, and insert the following new claim 36. In accordance with the revised amendment practice, all claims are listed below with their current status.

Claims 1 through 35. (Cancelled)

Claim 36. (New) An integrated glycemic test system for determination of a long term glycemic condition, the system comprising:

a signal producing system indicative of glucose concentration in a whole blood sample;

a signal producing system indicative of total protein concentration in the whole blood sample;

a signal producing system indicative of non-glycated protein concentration in the whole blood sample;

and

a glucose concentration determining means that is responsive to the signal producing system indicative of glucose concentration; and

a glycated protein concentration determining means that is responsive to the signal producing system indicative of total protein and the signal producing system indicative of non-glycated protein, with a difference between the total protein and the non-glycated protein being indicative of glycated protein concentration in the whole blood sample;

wherein the glucose concentration and the glycated protein concentration indicate long-term integrated glycemic condition.